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54 **Process for continuous production of nonwoven highly water-absorbent complex.**

57 The invention relates to a process for the continuous production of nonwoven highly water-absorbent complex characterized in adding in advance to an aqueous monomer solution a crosslinking agent and a oxidizing polymerization initiating agent having a latent activity, and after impregnating a continous nonwoven fibrous web with this solution, causing a rapid polymerization reaction by adding an activator to this web so as to form a water-swelling polymer in this web, thereby continuously forming a nonwoven highly water-absorbent comple. As the radical polymerization initiator a peroxide e.g. hydrogen peroxide is used, and as the activator a water soluble reducing agent capable of forming a redox system with said peroxide, e.g. aniline or sodium sulfite is used.



DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	EP-A-0 019 169 (BASF) * Claims 1,4,5; page 3, line 1 - page 8, line 21; example 1 * ---	1-4	D 04 H 1/64
A	GB-A- 962 458 (RÖHM & HAAS) * Claims 1,2,4,8-10; page 1, line 15 - page 4, line 13 * ---	1	
A	WO-A-8 001 031 (DU PONT) * Claims 1,2; page 2, lines 29-96 * ---	5	
X,E	CHEMICAL ABSTRACTS, vol. 107, no. 16, 19th October 1987, page 84, abstract no. 135863g, Columbus, Ohio, US; & JP-A-62 97 979 (MITSUBISHI PETROCHEMICAL CO., LTD) 07-05-1987 * Whole abstract * -----	1-3	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 04 H
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18-04-1989	Examiner BLASBAND I.
<b>CATEGORY OF CITED DOCUMENTS</b>			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	